2003

Virginia Department of Transportation Daily Traffic Volume Estimates Including Vehicle Classification Estimates

where available

Special Locality Report 128

City of Roanoke

Prepared By

Virginia Department of Transportation Mobility Management Division

In Cooperation With

U.S. Department of Transportation Federal Highway Administration

Virginia Department of Transportation Mobility Management Division Traffic Monitoring Section

The Virginia Department of Transportation (VDOT) conducts a program where traffic count data are gathered from sensors in or along streets and highways and other sources. From these data, estimates of the average number of vehicles that traveled each segment of road are calculated. VDOT periodically publishes booklets listing these estimates.

One of these booklets, titled "Average Daily Traffic Volumes with Vehicle Classification Data, on Interstate, Arterial and Primary Routes" includes a list of each Interstate and Primary highway segment with the estimated Annual Average Daily Traffic (AADT) for that segment. AADT is the total annual traffic estimate divided by the number of days in the year. This booklet also includes information such as estimates of the percentage of the AADT made up by 6 different vehicle types, ranging from cars to double trailer trucks; estimated Annual Average Weekday Traffic (AAWDT), which is the number of vehicles estimated to have traveled the segment of highway during a 24 hour weekday averaged over the year; as well as Peak Hour and Peak Direction factors used by planners to formulate design criteria.

In addition to the Primary and Interstate publication, one hundred books are published periodically, one for each of 100 areas across the state defined by VDOT for record-keeping purposes. These books include traffic volume estimates for roads within the county, cities, and towns within the area. These books are titled "Daily Traffic Volumes Including Vehicle Classification Estimates, where available; Jurisdiction Report numbers 00 through 99".

Also available are a number of reports summarizing the average Vehicle Miles Traveled (VMT) in selected jurisdictions and other categories of highways. There are many different ways to present traffic volume summary information. Because the user determines the value of each presentation, the reports have been redesigned based on user requests and feedback. The people at VDOT Mobility Management's Traffic Monitoring Section who produce these books welcome requests for other helpful ways of presenting the summary information.

A compact disc (CD) is available that includes files in the Adobe® Portable Document Format (PDF) that can be displayed, searched, and printed using common desktop computer equipment. The CD includes the publications described above as well as a number of other reports, including specialized VMT summaries and smaller AADT reports for each city and town separately.

Publication Notes

Parallel Roads

For road inventory and management purposes, some roadways are counted separately by direction and have separately published traffic estimates for each direction of travel. Examples of such roadways are the interstate system and routes with separated facilities and (usually) one-way traffic facilities in urban areas. In these publications, they are referred to as parallel roads. As a convenience for the users of the publication, the listing for segments of roads with parallel segments are published with both the traffic estimates for their own direction of travel (e.g. I-95 Northbound) as well as the estimate of the total of all traffic on the same route including parallel roadways (all directions of I-95). The publication will have a "Combined Traffic Estimates for Parallel Roadways on this Route" or "Combined Traffic" identifiers for the combined direction of travel estimates.

Roadways such as I-395 with a North segment, a South segment and a separate Reversible lane segment will have the estimate for more than two parallel roadways included in the entire combined traffic estimate.

Some routes have very complicated paths through cities and towns. These parallel paths may be too complex to allow a relationship between nearby sections of the opposite direction on the same route. In this case, to indicate that the traffic estimates for such a road segment may not include all directions of traffic on that route, the line that would list the combined values will indicate "NA" for not available.

VDOT's traffic monitoring program includes more than 100,000 segments of roads and highways ranging from several mile sections of Interstate highways to very short sections of city streets. Due to problems experienced obtaining some traffic count data, and the level of quality necessary to maintain confidence in the data, no estimate is currently available for some segments of roadway. These segments are included in the publications indicating "NA" for not available. It is the intention of the VDOT's Mobility Management Traffic Monitoring group to obtain the data necessary and to report traffic volume estimates on all road segments included in these publications.

Many of the road segments in this program are local secondary roads. The amount and detail of data collected on these roads are not as great as the data collected on higher volume roads. The vehicle classification, average weekday traffic volumes, and the theoretical design hour traffic volumes are not calculated for these roads. The publications indicate "NA" for the information that is not available.

This publication is based on a traffic monitoring program initiated in 1997. Because the data collection techniques and statistical evaluation processes are different than those used in previous years, comparison with previous publications may be misleading.

Glossary of Terms:

Route: The Route Number assigned to this segment of roadway with the master inventory route number if this is an overlapping route, with official street or highway name if available.

Length: Length of the traffic segment in miles.

AADT: Annual Average Daily Traffic. The estimate of typical daily traffic on a road segment for all days of the week, Sunday through Saturday, over the period of one year.

QA: Quality of AADT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- H Historical Estimate
- M Manual Uncounted Estimate
- N AADT of Similar Neighboring Traffic Link
- O Provided By External Source
- R Raw Traffic Count, Unfactored

4Tire: Percentage of the traffic volume made up of motorcycles, passenger cars, vans and pickup trucks.

Bus: Percentage of the traffic volume made up of busses.

2Axle Truck: Percentage of the traffic volume made up of 2 axle single unit trucks (not including pickups and vans).

3+Axle Truck: Percentage of the traffic volume made up of single unit trucks with three or more axles

1Trail Truck: Percentage of the traffic volume made up of units with a single trailer.

2Trail Truck: Percentage of the traffic volume made up of units with more than one trailer.

QC: Quality of Classification Data:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- C Short Term Classified Traffic Count Data
- F Factored Short Term Traffic Count Data
- H Historical Estimate
- M Mass Collective Average
- N Classification Estimates of Similar Neighboring Traffic Link

K Factor: The estimate of the portion of the traffic volume traveling during the peak hour or design hour.

QK: Quality of the Peak Hour estimate:

- A Factor based on 30th Highest Hour Observed During at least 250 days of Continuous Traffic Data
- B Factor based on other Hour Observed During Less than 250 days of Continuous Traffic Data
- Factor based on Highest Hour Collected at in a 48 Hour Weekday Period
- M Factor based on Manual Estimate of design hour
- N Peak Hour Factor of Similar Neighboring Traffic Link
- O Provided by External Source

Dir Factor: The estimate of the portion of the traffic volume traveling in the peak direction during the peak hour..

AAWDT: Average Annual Weekday Traffic. The estimate of typical traffic over the period of one year for the days between Monday through Thursday inclusive.

QW: Quality of AAWDT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- M Manual Uncounted Estimate
- N AAWDT of Similar Neighboring Traffic Link
- O Provided by External Source

Year: Year for which the published values are appropriate. If the Quality of AADT (QA) is "R", the year is the year that the raw traffic count was collected, and if available,

Route Shield Legend

Route Systems

North
81 Interstate Route Traffic volume data for Interstate Routes and some other routes are reported separately by direction, as well as combined.

(29) US Route

7 Virginia State Route

(600) Secondary Route

Special Routes

Bus Bus - Business Route
Bypas - Bypass Route
Truck - Truck Route
ALT ALT - Alternate Route
Wve - Wve Route connector

P - Parallel Route; Southbound or Westbound direction lanes of a numbered route where they are on a different road facility than the other direction.

The VDOT Maintainenance Jurisdiction number is displayed below the Secondary Route Number if the Maintenance Jurisdiction is different than the jurisdiction in the title of the report.

						City o	f Roanol	ke								
Route	Length	AADT	QA	4Tire	Bus	20 yla	Tru 3+Axle		2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke				_		ZAXIC	JIANIC	TTTAII	ZITAII		1 actor		1 actor			
Orandan Ava	1.25	20000	F	98%	00/		L Salem	0%	00/	_	0.004	F	0.604	22000	F	2002
11 Brandon Ave	1.35	20000	г	90%	0%	1%	0%		0%	F	0.094	Г	0.604	23000	Г	2003
11 Brandon Ave	1.03	12000	F	From: 94%	<u></u> 1%	Edgewood 2%	St; Mud L 1%	ick Rd 2%	0%	С	0.082	F	0.553	14000	F	2003
11 Brandon Ave	1.00	12000	•	To:	1 /0		andin Rd	270	070	O	0.002		0.555	14000	•	2000
~~~				From:			ndon Ave									
11 Grandin Rd	0.70	7800	F	98% To:	0%	1%	0%	0%	0%	F	0.089	F	0.589	8900	F	2003
<del>~</del>				From:			rial Avenu andin Rd	ie								
11 Memorial Ave	enue 0.84	13000	F	98%	0%	1%	0%	0%	0%	С	0.103	В	0.631	13000	F	2003
				To:			pbell Ave									
11 Campbell Ave	e 0.53	4600	F	98%	0%	1%	norial Ave 0%	0%	0%	F	0.109	F	0.752	5200	F	2003
11 Campbell Ave	Combined Traffic:		F	98%	0%	1%	0%	0%	0%	F	NA		0.732	12000	F	2003
	Combined Trainic.	10000	•	30 70 To:	0 70			0 70	0 70	'	INA			12000	'	
11 Campbell Ave	e 0.47	6100	F	From: 95%	0%	2%	7th St 3%	1%	0%	С	0.092	F	0.556	6900	F	2003
TT) Gampson / tv	Combined Traffic:		F	96%	0%	2%	2%	1%	0%	F	NA		0.000	11000	F	2000
			-	To:			3rd St	.,,		•					•	
11 Campbell Ave	e 0.28	7200	F	98%	0%	1%	0%	0%	0%	F	0.092	F	0.755	8100	F	2003
	Combined Traffic:	13000	F	98%	0%	1%	0%	0%	0%	F	NA			15000	F	
				To		ī	JS 221									
11 Campbell Ave	e 0.05	7200	N	98%	0%	1%	0%	0%	0%	Ν	0.092	Ν	0.755	8100	N	2003
	Combined Traffic:	11000	N	98%	0%	1%	0%	0%	0%	Ν	NA			12000	N	
				To:			amson Rd									
11 Williamson R	d 0.22	22000	F	98%	0%	Cam 1%	pbell Ave 0%	0%	0%	F	0.091	F	0.517	25000	F	2003
11 Williamson R	.u 0.22	22000	-	90 /0	0 70				0 70	•	0.091	•	0.517	23000		2003
11 Williamson R	d 0.15	18000	F	98%	0%	Shena 1%	ndoah Av	e 0%	0%	F	0.093	F	0.6	20000	F	2003
11 Williamson R	u 0.15	10000	•	30 70	0 70			0 70	0 70	'	0.033	'	0.0	20000	'	2003
11 Williamson R	d 0.50	11000	F	From: 93%	0%	2%	I-581 <b>4%</b>	1%	0%	С	0.084	F	0.502	11000	F	2003
11 Williamson R	.u 0.50	11000	•	33 70	0 70				0 70	C	0.004	'	0.502	11000	'	2003
11 Williamson R	d 0.92	15000	F	From: 98%	0%	US 460 1%	Orange A	ve 0%	0%	F	0.082	F	0.528	16000	F	2003
11 Williamson R	.u 0.92	15000	г	90 %	0%			U 70	070	Г	0.062	Г	0.526	10000	Г	2003
11 Williamson R	0.51	16000	F	From: 98%	00/		perty Rd	00/	00/		0.074		0.502	16000	F	2002
11 Williamson R	d 0.51	16000	г	96%	0%	1%	0%	0%	0%	F	0.074	F	0.502	16000	Г	2003
//////////////////////////////////////	4.07	47000		From:	00/		Oth St	40/	00/		0.070	_	0.500	40000	_	2002
11 Williamson R	d 1.27	17000	F	96%	0%	1%	2%	1%	0%	С	0.079	F	0.522	18000	F	2003
~~\		40000		From:	00/		Hershberge 20/			-	0.000	-	0.505	40000	_	0000
11) Williamson R	d 0.11	18000	F	98%	0%	1%	0%	0%	0%	F	0.086	F	0.535	19000	F	2003
~~				From:			3 Airport F			_		_			_	
11) Williamson R	d 0.39	17000	F	98% To:	0%	1%	0%	0%	0%	F	0.086	F	0.51	18000	F	2003
							Roanoke									
13th Street	0.25	3400	F	98%	0%	1%	pbell Ave 0%	0%	0%	F	0.1	F	0.606	3800	F	2003
13th Street	Combined Traffic:		N	98%	0%	1%	0%	0%	0%	N	NA	Г	0.000	12000	N	2003
	Combined Trainic.	11000	IN	To:	0 70		lem Ave	0 /0	0 /6	IN	INA			12000	IN	
~~				From:		1	3th St									
1,1 Salem Ave	0.34	5600	F	98%	0%	1%	0%	0%	0%	F	0.093	F	0.526	6400	F	2003
~	Combined Traffic:	10000	F	98%	0%	1%	0%	0%	0%	F	NA			12000	F	
~~				From:			9th St									
11 Salem Ave	0.40	3300	F	98%	0%	1%	0%	0%	0%	F	0.094	F	0.655	3800	F	2003
~	Combined Traffic:	7900	F	98%	0%	1%	0%	0%	0%	F	NA			9000	F	
~~~				From:			5th St									
Salem Ave	0.30	5200	F	98%	0%	1%	0%	0%	0%	F	0.098	F	0.611	5900	F	2003
~	Combined Traffic:	12000	F	98%	0%	1%	0%	0%	0%	F	NA			14000	F	
				To:		2	2nd St									

						Oity of Itouric	JILO .								
Route	Length	AADT	QA	4Tire	Bus	Tr 2Axle 3+Axle			-0C	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke				Errorra											
Colom Ava	0.22	5000	_	From:	00/	2nd St	00/	00/	_	0.007	_	0.724	6700	_	2002
Salem Ave	0.22	5900	F	98%	0%	1% 0%	0%	0%	F	0.097	F	0.734	6700	F	2003
(Combined Traffic:	13000	F	98% To:	0%	1% 0% Jefferson St	0%	0%	F	NA			15000	F	
A1.7				From:											
ALT Molroso	۸۷۵ ۵۶۶	18000	F	98%	0%	ECL Salem 0% 1%	0%	0%	С	0.084	F	0.522	19000	F	2003
(11) (460) Melrose A	Ave 0.65	10000	г	90%	070	076 176	0%	076		0.004	Г	0.322	19000	г	2003
ALT				From:		SR 117 Peters Cre	ek Rd								
11 460 Melrose	Ave 1.75	12000	F	95%	1%	1% 1%	2%	0%	F	0.086	F	0.508	13000	F	2003
				To:		24th St		1							
ALT ~~~				From:											
(11) (460) Melrose	Ave 0.41	12000	F	95%	1%	1% 1%	2%	0%	F	0.077	F	0.503	13000	F	2003
				To-		Salem Turnpik	te								
ALT (11) (460) Orange A	Ave 1.00	14000	F	95%	1%	1% 1%	2%	0%	F	0.076	F	0.511	15000	F	2003
(11) (460) Orange A	1.00	14000	•	95 /0	1 /0	170 170	2 /0	0 70		0.070	'	0.511	13000	'	2003
ALT				From:		10TH ST, Gainsbo	ro Rd								
11 (460) Orange A	Ave 0.90	17000	В	95%	1%	1% 1%	2%	0%	С	0.094	Α	0.513	18000	В	2003
				To:	ī	-581, US 220, ALT	SR 220	1							
ALT		· · · · · · · · · · · · · · · · · · ·		From:											
(11) (460) Orange A	Ave 0.24	45000	F	95%	1%	1% 1%	2%	0%	F	0.074	F	0.518	50000	F	2003
~ ~				To:		US 11 Williamso	n Rd								
				From:		Elm Ave									
(24) Jamison Ave	0.42	15000	F	97%	0%	1% 0%	1%	0%	С	0.084	F		17000	F	2003
				To: From:		6th St									
24 Jamison Ave	0.68	13000	F	97%	0%	1% 0%	1%	0%	С	0.094	F		15000	F	2003
()	Combined Traffic:	26000	F	98%	0%	1% 0%	1%	0%	С	NA			28000	F	
				To		13th St									
Jamison Ave	0.19	28000	F	From: 97%	0%	1% 0%	1%	0%	F	0.084	F	0.629	31000	F	2003
24 Jamison Ave	0.10	20000	•	To:	070	Dale Ave	170	070		0.004	•	0.020	01000	•	2000
				From:		Jamison Ave	:								
24 Dale Ave	0.69	26000	F	97%	0%	1% 0%	1%	0%	F	0.085	F	0.627	28000	F	2003
				To:		ECL Roanok	9								
				From:		6th St									
24 Bullitt Ave	0.68	12000	F	98%	0%	1% 0%	1%	0%	С	0.099	F	0.522	13000	F	2003
\P'/	Combined Traffic:	26000	F	98%	0%	1% 0%	1%	0%	С	NA			28000	F	
				To:		Jamison Ave									
				From:		SR 117 Peters Cre	ek Rd								
101) Hershberger Ro	d 1.34	9800	F	99%	0%	0% 0%	0%	0%	С	0.082	F	0.502	11000	F	2003
				To:		CD 116 C I			Ì						
101)Hershberger Ro	d 0.58	28000	F	97%	1%	SR 116 Cove F 1% 1%	1%	0%	F	0.085	F	0.501	32000	F	2003
101) rierariberger Ki	u 0.56	20000		31 /0	1 /0		1 /0	U /0		0.000		0.001	32000	'	2003
		0=0	_	From:	401	I-581	461	201	_	0.000	_	0.50		_	
101 Hershburger Ro	d 1.25	37000	F	97%	1%	1% 1%	1%	0%	F	0.086	F	0.521	43000	F	2003
				To		US 11 Williamso	n Rd								
				From:		Orange Ave									
115 Hollins Road	1.02	7400	F	95%	0%	1% 1%	2%	0%	С	0.087	F	0.620	8100	F	2003
				To: From:		Liberty St									
115 Liberty Road	0.30	4900	F	95%	0%	Hollins Rd	2%	0%	F	0.097	F	0.606	5300	F	2003
115 Liberty Road	0.30	-1300		93 76 To:	J /0	Plantation Rd		U /0	'	0.031		0.000	5500	'	2003
				From:		Liberty Rd	•								
115) Plantation Road	88.0	9500	F	97%	0%	1% 0%	1%	0%	С	0.095	F	0.568	10000	F	2003
				To:	-				_						
Diantation Danie	1 0.60	16000	-	From:	00/	Hollins Rd	10/	00/		0.004		0.506	10000		2002
115 Plantation Road	0.66	16000	F	97% To:	0%	1% 0%	1%	0%	C	0.091	F	0.586	18000	F	2003
						NCL Roanok									
MADI (D)	0.70	7000	_	From:	001	SCL Roanoke		007	_	0.000	_	0.704	7700	_	0000
116 Mt Pleasant Blv	/d 0.70	7000	F	98%	0%	1% 0%	0%	0%	F	0.099	F	0.764	7700	F	2003
				To:		Riverland Rd	l								

						Oity of Itourion									
Route	Length	AADT	QA	4Tire	Bus	Tru 2Axle 3+Axle		 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke				From:		M. Di . Di	,	ī							
(116) Riverland Rd	0.62	9800	F	98%	0%	Mt Pleasant Blvd	0%	0%	С	0.089	F	0.696	11000	F	2003
110)	0.02		•	To:	0,0	9Th St				0.000	•	0.000		•	
(116) Riverland Rd	0.73	7600	F	98%	0%	1% 0%	0%	0%	F	0.1	F	0.724	8300	F	2003
110				To:		Piedmont St									
	0.07	4000	_	From:	00/	Riverland Rd	00/	00/	_	0.111	_	0.770	4700	_	0000
116 Piedmont St	0.07	4300	F	98% To:	0%	1% 0% Walnut Ave	0%	0%	F	0.111	F	0.770	4700	F	2003
				From:		Piedmont St									
(116) Walnut Ave	0.26	5100	F	98%	0%	1% 0%	0%	0%	С	0.092	F	0.734	5600	F	2003
				To:		Jefferson St									
116 Jefferson St	0.42	9500	F	98%	0%	Walnut Ave	0%	0%	F	0.089	F	0.617	10000	F	2003
116 Jefferson St	0.42	9500	Г	90 70 To:	070	Elm Ave	070	070	Г	0.069	Г	0.017	10000	Г	2003
				From:	US 22	21; 1US 221-P; 128-8	015 Gap	T							
116) 221 Jefferson St	0.18	6200	F	99%	0%	0% 0%	0%	0%	F	0.094	F	0.576	6700	F	2003
				To: From:		US 11									
116 11 Campbell Ave	0.05	7200	N	98%	0%	1% 0%	0%	0%	Ν	0.092	Ν	0.755	8100	Ν	2003
Combined	d Traffic:	11000	N	98%	0%	1% 0%	0%	0%	Ν	NA			12000	Ν	
				To:		Williamson Rd									
Williamson Dd	0.22	22000	_	From:	00/	Campbell Ave	00/	0%	_	0.001	г	0.517	25000	г	2002
116 (11) Williamson Rd	0.22	22000	F	98%	0%	1% 0%	0%	0%	F	0.091	F	0.517	25000	F	2003
				From:		Shenandoah Ave					_				
116 (11) Williamson Rd	0.15	18000	F	98%	0%	1% 0%	0%	0%	F	0.093	F	0.6	20000	F	2003
				From:		I-581		-							
(116) (11) Williamson Rd	0.50	11000	F	93%	0%	2% 4%	1%	0%	С	0.084	F	0.502	11000	F	2003
				To:		US 11 US 460									
116)(460) Orange Ave	0.24	45000	F	95%	1%	1% 1%	2%	0%	F	0.074	F	0.518	50000	F	2003
(110)(400) Grange / (10	0.2 1	.0000	•	T					•	0.07 1		0.010	00000		2000
116) 460 Orange Ave	0.90	17000	В	95%	1%	-581, US 220, ALT S 1% 1%	2%	0%	С	0.094	Α	0.513	18000	В	2003
116 460 Orange Ave	0.90	17000		9570	1 /0			070	C	0.034	^	0.515	10000	Ь	2003
Oranga Ava	1.00	14000	-	From:	10/	10th St, Gainsboro		00/		0.076		0.511	15000	г	2002
116 460 Orange Ave	1.00	14000	F	95%	1%	1% 1%	2%	0%	F	0.076	F	0.511	15000	F	2003
				From:	40/	Salem Turnpike					_				
116 460 Melrose Ave	0.41	12000	F	95%	1%	1% 1%	2%	0%	F	0.077	F	0.503	13000	F	2003
				To: From:		Melrose Ave									
116 Lafayette Blvd	0.73	7800	F	98%	0%	1% 0%	0%	0%	С	0.08	F	0.604	8500	F	2003
				To: From:		Cove Rd Lafayette Blvd									
116 Cove Rd	0.72	12000	F	98%	0%	1% 0%	0%	0%	F	0.086	F	0.512	13000	F	2003
116 0010110	0.72	12000	•	To:	0 70	SR 101 Hershberger		070	•	0.000	•	0.012	10000	'	2000
				From:		US 11		1							
(117)	2.34	16000	F	97%	1%	1% 1%	1%	0%	F	0.087	F	0.526	18000	F	2003
				To:		Aerial Way Dr									
				From:		Melrose Ave									
117 Peters Creek Rd	0.46	24000	F	97%	1%	1% 1%	1%	0%	F	0.083	F	0.521	27000	F	2003
				From:		Hershburger Rd		-							
(₁₁₇)Peters Creek Rd	0.87	16000	F	95%	0%	2% 1%	1%	0%	С	0.084	F	0.526	19000	F	2003
				To: From:		Cove Rd		-							
117 Peters Creek Rd	1.37	18000	F	97%	1%	1% 1%	1%	0%	F	0.089	F	0.509	21000	F	2003
				To: From:		I-581									
(117) Peters Creek Rd	0.82	21000	Α	97%	1%	1% 1%	1%	0%	С	0.113	Α	0.536	24000	Α	2003
				To:		NCL Roanoke									
				From:		US 11 Williamson	Rd								
(118) Airport Rd	0.63	7100	F	98%	0%	1% 0%	0%	0%	F	0.106	F	0.508	7700	F	2003
				To:		Municipal Rd									

							City of Roand	ke								
Route		Length	AADT	QA	4Tire	Bus	Tr 2Axle 3+Axle		2Trail	- QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke					_		ZANC O'ANC	TITAL	ZITAII	_	1 actor		i actor			
					From:		Municipal Rd									
118 Airport Rd		1.01	11000	Α	98% To:	0%	1% 0%	0%	0%	C	0.123	Α	0.519	12000	Α	2003
					From:		NCL Roanoke									
220 Franklin Rd		1.50	39000	F	84%	1%	SCL Roanoke	12%	1%	l F	0.08	F	0.588	40000	F	2003
220 Franklin Rd		1.50	33000	•	0-7/0				1 70	'	0.00	•	0.000	40000	į.	2000
220 Roy Webber	Evous	1.80	47000	F	From: 84%	1%	S US 220; SR 419 E 1% 1%	lectric Rd	1%	F	0.086	F	0.563	47000	F	2003
220 Roy Webbei	Lxpwy	1.00	47000		04 /0	1 /0		12 /0	1 /0	,	0.000		0.505	47000	ı	2003
Day Wabbar	Evenue.	1 71	62000	-	From: 84%	1%	Wonju St 1% 1%	12%	1%	F	0.006	F	0.520	62000	F	2003
Roy Webber	⊏xpwy	1.71	63000	F	04%	170			170		0.086	Г	0.529	63000	Г	2003
~~		0.00			From:		SR 24 Elm Ave; I		££:		4: £	4l-:-				
220 581	Camabina.	0.66	C0000	_	000/		e I-581 for direc					or this	segment		_	
	Combine	d Traffic:	68000	F	92%	1%	1% 1%	5%	0%	. F	NA			76000	F	
~		0.04			From:	0-	US 11 Williamson		. cc : l		t f	41-1-				
220 581	0 ! !	0.31	74000	_	000/		e I-581 for direc					or this	segment		_	
	Combine	d Traffic:	74000	F	92%	1%	1% 1%	5%	0%	F	NA			83000	F	
~~~		4.00			From:		US 460 Orange A		cc: 1							
220 581	0 ! !	1.68	70000	_	000/		e I-581 for direc						Ū		_	
	Combine	d Traffic:	73000	F	92%	1%	1% 1%	5%	0%	. F	0.107	N	0.535	82000	F	
~					From:		Valley View Bl		cc: 1							
220 581		1.11			000/		e I-581 for direc						-			
	Combine	d Traffic:	62000	Α	92%	1%	1% 1%	5%	0%	С	0.107	Α	0.535	70000	Α	
~~~					From:		SR 101 Hershberge									
220 (581)		1.75		_	2221		e I-581 for direc					or this	segment		_	
	Combine	d Traffic:	52000	F	92% To:	1%	1% 1% SR 117 Peters Cree	5%	0%	F I	NA			58000	F	
6					From:	TIC										
Bus 220 Franklin Rd		0.27	23000	F	98%	0%	220; SR 419 South o	0%	0%	C	0.084	F	0.529	25000	F	2003
220)110111011110		0.27	20000	•	T	070			070	ı	0.004	•	0.020	20000	•	2000
Bus					From:		Penarth Road									
220 Franklin Rd		1.26	18000	F	98%	0%	1% 0%	0%	0%	F	0.09	F	0.516	19000	F	2003
Pura.					To: From:		128-3 Wonju S	t								
Bus 220 Franklin Rd		0.38	9800	F	98%	0%	1% 0%	0%	0%	F	0.097	F	0.616	11000	F	2003
220)		0.00		-	Tai					1	0.00.	•	0.0.0		•	
Bus					From:		128-8003 McClanal									
220 Franklin Rd		0.41	9400	F	98%	0%	1% 0%	0%	0%	F	0.090	F	0.512	10000	F	2003
~					To:		128-8015; I-581 Uno									
ALT		0.04	45000	_	From:		-581, US 220, ALT		00/	_	0.074	_	0.540	50000	_	0000
220 460 Orange	e Ave	0.24	45000	F	95%	1%	1% 1%	2%	0%	F	0.074	F	0.518	50000	F	2003
ALT					From:		US 11 Williamson	n Rd								
220)(460) Orange	e Ave	0.49	43000	F	97%	0%	1% 0%	1%	0%	С	0.079	F	0.542	47000	F	2003
					To: From:		SR 115 Hollins	Rd								
ALT		4.44	44000	_		00/			00/	' -	0.070	_	0.550	40000	_	0000
220 (460) Orange	e Ave	1.14	41000	F	93%	0%	1% 1%	5%	0%	F	0.079	F	0.559	43000	F	2003
ALT					From:		24th St									
220)(460) Orange	e Ave	1.37	31000	F	93%	0%	1% 1%	5%	0%	F	0.073	F	0.518	33000	F	2003
					To: From:		128-8055 King	St								
ALT	. 1.00	0.40	20000	_		00/			00/	· -	0.070	_	0.540	40000	_	2000
220 (460) Orange	e Ave	0.18	38000	F	93% To:	0%	1% 1%	5%	0%	F I	0.076	F	0.513	40000	F	2003
•							Roanoke County l			L						
Dramblatar A		1 20	14000	_	From:	Ω0/	WCL Roanoke		00/	l	0.000	_	0.50	15000	_	2002
Brambleton A	we	1.39	14000	F	99%	0%	0% 0%	0%	0%	С	0.098	F	0.59	15000	F	2003
<u></u>					From:		Overland Road			<u> </u>						
221 Brambleton A	ve	0.52	7700	F	99%	0%	0% 0%	0%	0%	F	0.106	F	0.655	8400	F	2003
					To-		Brandon Ave									

						City of Roan	oke								
Route	Length	AADT	QA	4Tire	Bus	T 2Axle 3+Axl		2Trail	- QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke															
				From:		Brandon Av									
221 Main St	1.19	8900	F	99%	0%	0% 0%	0%	0%	F	0.102	F	0.633	9700	F	2003
				To: From:		8th St									
221 Elm Ave	0.46	11000	F	98%	0%	1% 0%	0%	0%	С	0.094	F	0.692	12000	F	2003
221)				т.,			D.I.								
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	0.00	0000		From:	00/	US 220 Frankli		00/		0.000		0.500	0000		2002
221 Elm Ave	0.30	9000	F	98%	0%	1% 0%	0%	0%	F	0.083	F	0.528	9800	F	2003
Combi	ned Traffic:	18000	F	99%	0%	1% 0%	0%	0%	F	NA			19000	F	
				To: From:		SR 24 SR 11									
221 Jefferson St	0.10	6200	F	99%	0%	SR 116 US 221 1		0%	F	0.094	F	0.576	6700	F	2003
221 Jefferson St	0.18	6200	г	9970	076	076 076	0%	076	Г	0.094	Г	0.576	6700	Г	2003
				From:		US 11 Salem	Ave								
221 \ 11 \ Campbell Ave	0.05	7200	N	98%	0%	1% 0%	0%	0%	Ν	0.092	Ν	0.755	8100	N	2003
Combi	ned Traffic:	11000	N	98%	0%	1% 0%	0%	0%	Ν	NA			12000	N	
				To:		Williamson I	Rd								
				From:		SALEM AV	Έ								
221 \ \ 11 \ Williamson Rd	0.22	22000	F	98%	0%	1% 0%	0%	0%	F	0.091	F	0.517	25000	F	2003
~~				To		Shenandoah A	. ve	1							
221 \(\) \(\) Williamson Rd	0.15	18000	F	98%	0%	1% 0%	0%	0%	F	0.093	F	0.6	20000	F	2003
221 (11) Williamson Rd	0.10	.5000	•	JU /0	<b>U</b> /0		0 /0	0 /0	'	0.000	'	0.0	20000	'	2003
~~~				From:		I-581									
221 \ (11) Williamson Rd	0.50	11000	F	93%	0%	2% 4%	1%	0%	С	0.084	F	0.502	11000	F	2003
~ ~				To:		RT 460 S									
221 A60 Orange Ave	0.49	43000	F	97%	0%	1% 0%	1%	0%	С	0.079	F	0.542	47000	F	2003
221)(400) 514.1957115	00		-	0.70	0,0				Ū	0.0.0	•	0.0		•	_000
~~~				From:		SR 115 Hollins									
221 A60 Orange Ave	1.14	41000	F	93%	0%	1% 1%	5%	0%	F	0.079	F	0.559	43000	F	2003
~~				To		24th St									
221 A60 Orange Ave	1.37	31000	F	93%	0%	1% 1%	5%	0%	F	0.073	F	0.518	33000	F	2003
221 400 5.09575			-		0,0				·	0.0.0	•	0.0.0	00000	•	_000
				From:		128-8055 King									
221 (460) Orange Ave	0.18	38000	F	93 <u>%</u>	0%	1% 1%	5%	0%	F	0.076	F	0.513	40000	F	2003
~~				To:		ECL Roanol	ke								
				From:		US 221 Elm A	Ave								
221 Franklin Rd	0.40	8700	F	99%	0%	0% 0%	0%	0%	F	0.108	F	0.684	9600	F	2003
	ned Traffic:	18000	F	99%	0%	1% 0%	0%	0%	F	NA			19000	F	
				To		US 221 SR 116 Jef									
				From:	LIC	220; Bus US 220 I	Franklin Rd								
419 Electric Rd	0.07	43000	F	98%	0%	1% 0%	1%	0%	F	0.084	F	0.504	48000	F	2003
419 Liectric Nu	0.07	43000	•	To:	0 70			070	'	0.004	'	0.504	40000	'	2003
						Roanoke County									
~~			_	From:		ECL Salem								_	
Melrose Ave	0.65	18000	F	98%	0%	0% 1%	0%	0%	С	0.084	F	0.522	19000	F	2003
<del>~</del>				To		SR 117 Peters Cr	eek Rd								
460 Melrose Ave	1.75	12000	F	95%	1%	1% 1%	2%	0%	F	0.086	F	0.508	13000	F	2003
100	0		•		. , 0		_,_		•	000	•	2.000		•	_500
~~~.		46555		From:	461	24th St				0.0==		0 = = =	400	_	
Melrose Ave	0.41	12000	F	95%	1%	1% 1%	2%	0%	F	0.077	F	0.503	13000	F	2003
				To: From:		Salem Turnpi	ike								
460 Orange Ave	1.00	14000	F	95%	1%	1% 1%	2%	0%	F	0.076	F	0.511	15000	F	2003
ت رتب				Te											
Oron va Aur	0.00	47000	_	From:	40/	10th St, Gainsbo		00/	^	0.004	Λ.	0.540	10000	n	2022
Orange Ave	0.90	17000	В	95%	1%	1% 1%	2%	0%	С	0.094	Α	0.513	18000	В	2003
				To: From:]	I-581, US 220, ALT	Γ SR 220								
Orange Ave	0.24	45000	F	95%	1%	1% 1%	2%	0%	F	0.074	F	0.518	50000	F	2003
				To											
~~~~ A	0.40	40000	-	From:	001	US 11 Williams		001	^	0.070	_	0.540	47000	_	0000
Orange Ave	0.49	43000	F	97%	0%	1% 0%	1%	0%	С	0.079	F	0.542	47000	F	2003
~				To: From:		SR 115 Hollins	s Rd								
460 Orange Ave	1.14	41000	F	93%	0%	1% 1%	5%	0%	F	0.079	F	0.559	43000	F	2003
100			-	To:	- / 0	24th St	- / -				•			-	
						27111 51		l							

						,	JI KUAHU									
Route	Length	AADT	QA	4Tire	Bus		Tru 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
ity of Roanoke				From:					-							
Orange Ave	1.37	31000	F	93%	0%	1%	24th St 1%	5%	0%	F	0.073	F	0.518	33000	F	2003
+00) erangerne			-	To:			8055 King S			-	0.0.0	•	0.0.0		•	
Orange Ave	0.18	38000	F	From: 93%	0%	1%	1%	5%	0%	F	0.076	F	0.513	40000	F	2003
400)				To:			ce County I									
lorth				From:	SR 24	Elm Ave	; US 220 W	ebber Ex	ру							
581)	0.66	34000	F	93%	1%	1%	1%	5%	0%	F	0.087	F		38000	F	2003
	Combined Traffic:	68000	F	92%	1%	1%	1%	5%	0%	F	NA			76000	F	
lorth				From:		US 11	Williamson	Rd								
581)	0.31	35000	F	93%	1%	1%	1%	5%	0%	F	0.088	F		39000	F	2003
301)	Combined Traffic		F	92%	1%	1%	1%	5%	0%	F	NA			83000	F	
				To-		US 46	0 Orange A	ve.								
lorth	1.69	20000	_	From:	10/				00/	_	0.002	_		42000	_	2002
581	1.68	39000	F	93%	1%	1%	1%	5%	0%	F	0.093	F	0.505	43000	F	2003
	Combined Traffic:	73000	F	92%	1%	1%	1%	5%	0%	F	0.107	N	0.535	82000	F	
orth				From:		Valle	y View Bly	d								
581)	1.11	31000	Α	93%	1%	1%	1%	5%	0%	С	0.112	Α		35000	Α	2003
	Combined Traffic	62000	Α	92%	1%	1%	1%	5%	0%	С	0.107	Α	0.535	70000	Α	
orth				To: From:		SR 101	Hershberge	r Rd								
lorth 581	1.75	26000	F	93%	1%	1%	1%	5%	0%	F	0.104	F		29000	F	2003
101)	Combined Traffic	52000	F	92%	1%	1%	1%	5%	0%	F	NA	-		58000	F	
			-	To:	. , ,		Peters Cree			-					•	
outh				From:	SR 24	Elm Ave	; US 220 W	ebber Ex	ру							
581)	0.77	34000	F	92%	1%	2%	1%	5%	0%	F	0.098	F		38000	F	2003
	Combined Traffic	68000	F	92%	1%	1%	1%	5%	0%	F	NA			76000	F	
. 0.				To: From:		US 11	Williamson	Rd								
outh	0.45	39000	F	92%	1%	2%	1%	5%	0%	F	0.089	F		44000	F	2003
581	Combined Traffic:		F	92%	1%	1%	1%	5%	0%	, F	NA	'		83000	F	2000
	Combined Trainc.	7-1000	•	32 /0	1 /0				070		INA			03000	'	
outh				From:			0 Orange A	ve								
581)	1.41	35000	F	92%	1%	2%	1%	5%	0%	F	0.093	F		39000	F	2003
	Combined Traffic	73000	F	92%	1%	1%	1%	5%	0%	F	0.107	Ν	0.535	82000	F	
outh				To: From:		Valle	y View Blv	ď								
581)	1.49	31000	Α	92%	1%	2%	1%	5%	0%	С	0.113	Α		35000	Α	2003
501)	Combined Traffic	62000	Α	92%	1%	1%	1%	5%	0%	С	NA			70000	Α	
				To: From:			Hershberge									
outh		20222	_		407					_	0.000	_		00000	_	0000
581	1.33	26000	F	92%	1%	2%	1%	5%	0%	F	0.098	F		29000	F	2003
	Combined Traffic	52000	F	92%	1%	1%	1% L Roanoke	5%	0%	F	NA			58000	F	
				From:					<u>J</u>							
1) 2nd Street	0.23	6200	F	96%	0%	3%	US 221-P 0%	0%	0%	F	0.125	F	0.508	6800	F	2003
1) 2nd Street	0.23	0200	•	30 70	0 70			0 70	070		0.123	'	0.500	0000	'	2000
Oned Cts Coine	h Dd 0.70	0000		From:	00/		alem Ave	00/	- 00/		0.444		0.000	0400		2000
1) 2nd St; Gains	sboro Rd 0.73	8600	F	96% To:	0%	3%	0%	0%	0%	С	0.114	F	0.663	9400	F	2003
				From:			range Ave		<u> </u>							
3 Wonju St	0.30	14000	F	98%	0%	1%	ranklin St 0%	1%	0%	С	0.099	F	0.559	15000	F	2003
3) Wonju St	0.30	1-1000		90 70 To:	U /0		lonial Ave	1 /0	J /0	C	0.033	1	0.008	13000	'	2003
				From:			liamson Rd									
4 Kimball Ave	0.75	9400	F	98%	0%	1%	0%	1%	0%	F	0.093	F	0.671	10000	F	2003
<u></u>				To:			range Ave					_				
				From:			US 460		i j							
			_	000/	00/					_		_			_	0000
5) Plantation Rd	0.33	8500	F	98%	0%	1%	0%	1%	0%	F	0.085	F	0.583	9300	F	2003

						City of Roanok	e								
Route	Length	AADT	QA	4Tire	Bus	Tru 2Axle 3+Axle		 2Trail	- QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke															
5 Plantation Rd	0.82	6600	F	98% To:	0%	Mohawk Ave 1% 0% Liberty Rd	1%	0%	F	0.094	F	0.618	7300	F	2003
				From:		2Nd St		1							
6 Wells Ave	0.38	8000	F	98% To:	0%	1% 0% Williamson Rd	1%	0%	F	0.104	F	0.589	8800	F	2003
				From:		Norfolk Ave									
7 Wise Ave	0.72	6100	F	98% To:	0%	1% 0% Vinton Ave	1%	0%	F	0.127	F	0.818	6700	F	2003
				From:		Riverland Rd									
8 9th Street	0.21	6800	F	98%	0%	1% 0%	1%	0%	F	0.092	F	0.586	7500	F	2003
8 9th Street	1.17	10000	F	From: 98%	0%	Industry Ave	1%	0%	F	0.093	F	0.531	11000	F	2003
8 9th Street	1	10000	•	To:	070	Tazewell Ave	170	070	•	0.000	•	0.001	11000	•	2000
				From:		WCL Roanoke		1							
(8001) Colonial Ave	1.16	9000	F	99%	0%	1% 0%	0%	0%	F	0.096	F	0.529	9900	F	2003
				To:		Persinger Rd									
Colonial Ava	0.01	19000	F	From:	00/	Persinger Road	0%	00/	F	0.000	F	0.554	21000	_	2002
(8001) Colonial Ave	0.81	19000	Г	99% To:	0%	1% 0% Brandon Ave	U%	0%	Г	0.098	Г	0.554	21000	F	2003
				From:											
(8003) Yellow Mountain Rd	2.59	2100	F	99%	0%	SCL Roanoke	0%	0%	С	0.127	F	0.739	2300	F	2003
				To: From:		Jefferson St									
(8003) McClanahan St	0.48	6800	F	98%	0%	1% 0%	0%	0%	С	0.089	F	0.541	7500	F	2003
				To:		Franklin Rd									
O =				From:		ECL Roanoke									
(8005) Bandy Rd	0.37	1400	F	98%	0%	1% 0%	0%	0%	F	0.102	F		1600	F	2003
				To:	]	128-8009 Garden City	Blvd.								
O			_	From:		WCL Roanoke			_		_			_	
(8008) Salem Tnpk	1.35	7300	F	98% To:	0%	1% 0%	0%	0%	F	0.087	F	0.507	8000	F	2003
				From:		36Th St Westwood Blvd									
(8008) Salem Tnpk	1.20	9100	F	96%	1%	1% 1%	1%	0%	С	0.082	F	0.513	9900	F	2003
				To:		24Th ST									
				From:		Yellow Mtn Rd		1							
(8009) Garden City Blvd	0.42	4200	F	99%	0%	1% 0%	0%	0%	F	0.101	F	0.557	4600	F	2003
				To:		Ray Rd									
(8009) Garden City Blvd	1.36	5300	F	99%	0%	1% 0%	0%	0%	С	0.093	F	0.567	5800	F	2003
(0003)				To:		SR 116 Riverland									
				From:		WCL Roanoke		1							
(8010) Shenandoah Ave	2.13	13000	F	96%	1%	1% 1%	1%	0%	С	0.088	F	0.502	14000	F	2003
				To:		24Th St									
8010 Shenandoah Ave	0.77	9300	F	From: 96%	1%	1% 1%	1%	0%	F	0.089	F	0.529	10000	F	2003
Snenandoan Ave	÷		-	To:	. , •		. , •		•		-	<b>-</b> -		-	
(8010) Shenandoah Ave	0.86	9300	F	96%	0%	15Th St 1% 1%	2%	0%	С	0.091	F	0.547	10000	F	2003
				To: From:		5Th St									
8010 Shenandoah Ave	0.29	4500	F	96%	0%	1% 1%	2%	0%	F	0.092	F	0.646	4900	F	2003
						Williamson Rd									
Odgan Dd	0.55	0200	-	From:	00/	SCL Roanoke	00/	00/	_	0.005	_	0.507	10000	_	2002
8011) Odgen Rd	0.55	9300	F	99% To:	0%	1% 0%	0%	0%	С	0.095	F	0.537	10000	F	2003
						WCL Roanoke									
Grandin Bd	4 44	7000	_	From:	Ω0/	SCL Roanoke	Ω0/	00/	_	0.006	_		9700	_	2002
8013 Grandin Rd	1.11	7900	F	98% To:	0%	1% 1% US 11	0%	0%	С	0.096	F		8700	F	2003
						05 11									

						City of R	oanoke								
Route	Length	AADT	QA	4Tire	Bus		Truck +Axle 1Trai	I 2Trail	- QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke															
Occardia Dd	0.70	0000	_	From:	00/	SR 4		00/	_	0.400	_	0.500	0500	_	0000
(8014) Grandin Rd	0.72	6000	F	99%	0%	1%	0% 0%	0%	F	0.106	F	0.502	6500	F	2003
<u> </u>				To: From:		Mudlio		ŀ							
(8014) Grandin Rd	0.97	2800	F	99%	0%		0% 0%	0%	С	0.099	F	0.506	3100	F	2003
<u> </u>				To:		Garst M	Iill Rd								
				From:		US 22	) Bus								
(8015) Franklin Rd	0.60	11000	F	98 <u>%</u>	0%	1%	1% 0%	0%	С	0.090	F	0.618	13000	F	2003
				To: From:		US 221 E									
Franklin Ava	0.14	E200	F		0%	US 221 Je:		0%	_	0.42	_	0.000	E700	_	2002
Franklin Ave	0.14	5200	Г	98% To:	0%	1% Williams		0%	F	0.12	F	0.869	5700	F	2003
				From:		William		-							
8015) Tazewell Ave	0.54	5600	F	98%	0%		0% 0%	0%	С	0.128	F	0.806	6200	F	2003
30.19				т.,											
Tazawall Ava	0.24	4700	F	98%	0%	9Th		0%		0.122		0.007	E100		2002
Tazewell Ave	0.34	4700	Г	90 70 To:	070			0%	F	0.133	F	0.907	5100	F	2003
						13Tl									
Orear Dides D	4.00	F000	_	From:		NCL Roanoke		001	_	0.404	_	0.50	FF00	_	0000
8018 Green Ridge Road	1.23	5000	F	99%	0%	1%	0% 0%	0%	F	0.101	F	0.52	5500	F	2003
				From:		SR 117 Peters	Creek Road	-							
8018) Cove Rd	1.49	8300	F	99%	0%	1%	0% 0%	0%	С	0.092	F	0.530	9100	F	2003
				To:		Hershbe	rger Rd								
				From:		Grand	n Rd								
8020) Mud Lick Rd	1.43	3100	F	99%	0%	1%	0% 0%	0%	F	0.130	F	0.682	3400	F	2003
				To:		US 11 Bra	ndon Ave								
				From:		Brando								_	
8020) Edgewood Ave	0.76	6500	F	99%	0%		0% 0%	0%	С	0.106	F	0.507	7100	F	2003
<u> </u>				To: From:		Memori									
8020 Memorial Ave	0.71	5200	F	99%	0%	Edgewo 1%	0% 0%	0%	F	0.108	F	0.512	5700	F	2003
Memorial Ave	0.71	3200	Г	99 /6 To:	0 /0	Grand		0 /6		0.100		0.512	3700		2003
_															
O Harabharana Bd	0.00	44000	_	From:	00/	William		00/	_	0.000	_	0.544	40000	_	0000
(8022) Hershberger Rd	0.60	11000	F	98% To:	0%		0% 0%	0%	С	0.083	F	0.541	12000	F	2003
						ECL Ro									
	0.54	44000	_	From:	00/	Riverside		00/	_	0.000	_	0.540	40000	_	0000
8023 Bennington St	0.54	11000	F	98%	0%		0% 0%	0%	F	0.092	F	0.549	12000	F	2003
				To: From:		Carlisle .									
8023) Bennington St	1.37	13000	F	98%	0%		0% 0%	0%	F	0.085	F	0.568	14000	F	2003
(8023) Bennington St	1.07	10000	•	0070	070			070	•	0.000	•	0.000	14000	•	2000
O				From:	201	Norfoll					_				
8023 Hollins Rd	0.39	8800	F	98%	0%		0% 0%	0%	F	0.084	F	0.506	9600	F	2003
				To: From:		US 460 Or Hollin									
8023) Old Mountain Rd	1.75	7000	F	98%	0%		1% 1%	0%	F	0.098	F	0.639	7700	F	2003
(8023) Old Mountain Rd	1.70	7000	•	To:	070	NCL Roand			•	0.000	•	0.000	7700	•	2000
				From:											
8024) Mountain View Terrace	0.49	2000	F	98%	0%	Memori 1%	1% 1%	0%	F	0.087	F	0.575	2200	F	2003
Mountain View Terrace	⊍.∓∂	2000	•	90 70 To:	J /0	Chester		0 /0		0.007	'	0.070	2200	1	2003
				From:		Mountain Vi									
8024) Chesterfield Street	0.16	1300	F	98%	0%		1% 1%	0%	F	0.105	F	0.607	1400	F	2003
				To:		Memori									
<u> </u>				From:		McClan	ahan St								
8025) Jefferson St	0.43	6300	F	98%	0%		1% 1%	0%	F	0.088	F	0.581	6900	F	2003
0020)	2		-	, F	- 70				•		•			•	_500
O Jofferson Ct	0.40	40000	-	From:	00/	Reserv		00/		0.000		0.540	10000		2000
8025 Jefferson St	0.40	12000	F	98% To:	0%		1% 1%	0%	С	0.088	F	0.546	13000	F	2003
						Walnu	t Ave								
<u> </u>			_	From:		Frankli			_		_				
8027) Wonju St	0.27	14000	F	98%	0%		1% 1%	0%	F	0.1	F	0.578	15000	F	2003
				To:		Colonia	1 Arra								

						City of Roanok	e								
Route	Length	AADT	QA	4Tire	Bus	Tru 2Axle 3+Axle		2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke															
O Dattaurau Aus	0.00	7400	_	From:	40/	Boulevard St	00/	00/	0	0.000	_	0.570	7700	_	0000
8028 Patterson Ave	0.99	7100	F	96%	1%	2% 0%	2%	0%	С	0.089	F	0.578	7700	F	2003
<u> </u>				From:		13Th St			_					_	
(8028) Patterson Ave	0.58	3900	F	96%	1%	2% 0%	2%	0%	F	0.086	F	0.578	4200	F	2003
						Campbell St									
	0.00	45000	_	From:	00/	Grandin Rd	00/	00/	_	0.004	_	0.500	47000	_	0000
8029 Brandon Ave	0.82	15000	F	98%	0%	1% 0%	0%	0%	F	0.084	F	0.502	17000	F	2003
				From:		US 221 Brambleton Main St	Ave								
(8029) Brandon Ave	0.92	21000	F	98%	0%	1% 0%	0%	0%	С	0.084	F	0.503	23000	F	2003
				To:		Franklin Rd									
				From:		24Th St		1							
(8030) Loudon St	1.23	2100	F	95%	1%	3% 0%	1%	0%	С	0.089	F	0.505	2300	F	2003
				To:											
(8030) Loudon St	0.43	980	F	95%	1%	10Th St 3% 0%	1%	0%	F	0.093	F	0.586	1100	F	2003
8030) E000011 Ot	0.40	555	•	To:	170	5Th St	170	070	•	0.000	•	0.000	1100	•	2000
				From:				1							
(8031) Maple Ave	0.36	360	F	96%	1%	Dead End 2% 0%	2%	0%	F	0.112	F	0.729	400	F	2003
(8031) Maple Ave	0.30	300	-	70 /0 To:	1 /0	SR 116	Z /0	0 /6	•	0.112	'	0.729	400	,	2003
				From:				L							
8032) Overland Rd	0.32	9500	F	99%	0%	Brambleton Ave	0%	0%	F	0.099	F	0.528	10000	F	2003
(8032) Overland Rd	0.32	9300	-	79 /0 To:	0 /0	Colonial Ave	0 /0	0 /6	•	0.099	'	0.520	10000	,	2003
				From:											
8035) 5th Street	0.37	4600	F	99%	0%	Elm Ave 1% 0%	0%	0%	С	0.101	F	0.632	5100	F	2003
8035 5th Street	0.37	4600	Г	99%	0%	1% 0%	U%	0%	C	0.101	Г	0.032	5100	Г	2003
$\overline{}$				To: From:		Salem Ave									
(8035) 5th Street	0.78	3400	F	99 <u>%</u>	0%	1% 0%	0%	0%	F	0.091	F	0.642	3700	F	2003
				To:		Orange Ave									
				From:		Colonial Ave									
(8036) Broadway Ave	0.07	49	F	99 <u>%</u>	0%	0% 0%	0%	0%	F	0.209	F	0.632	50	F	2003
				To: From:		Sandford Ave									
Prooducy Avo	0.16	1200	F	99%	0%	Dead End 0% 0%	0%	0%	F	0.135	F	0.667	1300	F	2003
8036 Broadway Ave	0.16	1200	Г	99 70 To:	070	Wonju St	070	0%	Г	0.133	Г	0.667	1300	Г	2003
				From:		Franklin Rd									
(8036) Broadway Ave	0.47	7200	F	99%	0%	0% 0%	0%	0%	С	0.091	F	0.585	7900	F	2003
				To:		McClanahan St									
				From:		Williamson Rd									
(8038) Fleming Ave	0.87	1300	F	99%	0%	0% 0%	0%	0%	F	0.106	F	0.524	1400	F	2003
				To:		Plantation Rd									
				From:		Mountain View Ter	race								
8039) Bridge St	0.45	4000	F	99%	0%	0% 0%	0%	0%	F	0.086	F	0.577	4300	F	2003
(0039) =91 11				To:		Patterson Ave									
				From:		Franklin Rd		1							
(8040) Reserve Ave	0.37	5800	F	96%	0%	1% 2%	1%	0%	F	0.099	F	0.532	6300	F	2003
8040) 110001107110	0.07	0000	•	To:	070	Jefferson St	170	7,0	•	0.000	·	0.002	0000	•	2000
				From:		Campbell Ave		1							
(8041) 10th Street	0.62	9000	F	96%	0%	1% 2%	1%	0%	F	0.081	F	0.548	9800	F	2003
10111 011 011	0.02	5555	•	0070	070		170	070	•	0.001	•	0.040	0000	•	2000
4045-05	0.54	44000		From:	00/	Fairfax Ave	40/	-00/		0.000	_	0.57	40000	_	0000
8041 10th Street	0.51	11000	F	96%	0%	1% 2%	1%	0%	F	0.088	F	0.57	12000	F	2003
<u> </u>				From:	•	Rugby Blvd									
(8041) 10th Street	0.58	11000	F	96%	0%	1% 2%	1%	0%	F	0.091	F	0.532	12000	F	2003
				To: From:		I-581 Overpass		1							
(8041) 10th Street	0.56	7600	F	96%	0%	1% 2%	1%	0%	F	0.090	F	0.563	8300	F	2003
			•	To:		Williamson Rd			٠						
				From:		Jefferson St									
8042) Belleview Ave	0.61	4700	F	98%	0%	1% 0%	1%	0%	С	0.091	F	0.718	5100	F	2003
8042 Belleview Ave	0.01	00	•	To:	U /U	SR 116 Walnut Av		3 /0	5	0.001	•	5.7 10	3100	'	_000
						or 110 wallut A	v C								

						City of Ro	al loke								
Route	Length	AADT	QA	4Tire	Bus	2Axle 3+A			( )( :	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke															
Rutrough Rd	0.57	1400	F	96%	0%	SR 116 Mt Plea 1% 2° ECL Roar	6 1%	0%	F	0.095	F	0.610	1500	F	2003
				-											
Boulevard St	0.16	9200	F	96%	0%	Patterson 1% 2°		0%	F	0.085	F	0.524	10000	F	200
Boulevard St	0.25	12000	F	From: 96%	0%	Salem A 1% 2°		0%	F	0.085	F	0.507	13000	F	200
24th Street	0.41	10000	F	From: 96%	0%	1% 2°	6 1%	0%	F	0.085	F	0.571	11000	F	200
				From:		Melrose									
Riverdale Rd	0.78	1500	F	96% To:	0%	1% 2° ECL Roar	6 1%	0%	F	0.1	F	0.596	1600	F	200
				From:											
Gus Nicks Blvd	0.70	16000	F	96% To:	0%	Orange A  1% 2°  SCL Roar	6 1%	0%	С	0.083	F	0.649	18000	F	200
				From:		Orange A									
053) Burwell St	0.35	5800	F	96%	0%	1% 2°		0%	F	0.096	F	0.616	6300	F	200
				To:		Liberty									
053) Liberty Rd	0.74	4500	F	97%	0%	Burrell 1% 0°		0%	С	0.098	F	0.639	4900	F	200
053) Liberty Rd	0.40	4800	F	From: 97%	0%	Williamso	6 1%	0%	F	0.088	F	0.507	5300	F	200
				To:		Plantation	Rd								
	4.40	44000	_	From:	00/	Gus Nicks		00/	_	0.005	_	0.570	40000	_	000
Ning St	1.46	11000	F	97% To:	0%	1% 0° US 46		0%	F	0.095	F	0.576	12000	F	200
				From:											
Westside Blvd	0.65	3300	F	99%	0%	128-8008 Salem 1% 0°	% 0%	0%	F	0.095	F	0.552	3600	F	200
Westside Blvd	0.54	5700	F	From: 99%	0%	1% 0°		0%	С	0.087	F	0.575	6300	F	200
<u> </u>				To:		SR 10									
				From:		Centre A	ve								
17th Street		330	F							0.091	F		360	F	200
				To:		Loudon A	ive								
				From:		Edgerton	Ave								
18th Street		120	F	To:		D: 1:	n J			0.133	F		130	F	200
				Enemal		Riverdale									
19th Street		2000	F	From:		Orange A	ve			0.081	F		2200	F	200
19111 311661		2000	r	To:		Hanover A	Ave			U.UO I	٢		2200	Г	200
				From:		Baker A									
25th Street		1100	F			Баксі А	***			0.089	F		1200	F	200
				To:		Centre A	ve								
				From:		Dale A	ve							-	
7th Street		590	F	<u>-</u>						0.105	F		650	F	200
				To-		Stewart A	ve								
				From:		White Oal	Rd								
Avenham Ave		5900	F							0.093	F		6400	F	200
				To:		Clydesdal	e St		<u> </u>						
_ ,			_	From:		Windsor	Rd				_			_	_
Barnhill Ln		100	F				0.1			0.094	F		100	F	200
				To:		Grandin									
Dundside Acc		4400	_	From:		Clyde S	St .			0.404	_		4500	_	000
Dunkirk Ave		1400	F	To:		Cline S	t			0.161	F		1500	F	200
						Cline S	l								

				City of Roanoke							
Route	Length AADT	QA	4Tire	Bus 2Axle 3+Axle 1Trail 2Trail	- QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
v of Roanoke			From:	Cove Rd							
Fairhope Rd	1400	F	<u> </u>	Cove Ru		0.095	F	0.521	1500	F	2003
<u> </u>			To	Appleton Ave							
			From:	Memorial Ave							
Fauquier St	2500	F				0.091	F		2800	F	2003
			To:	Denniston Ave							
Fanant Davis Divid	4700	_	From:	Olive Ave		0.00	_	0.577	4000	_	200
Forest Park Blvd	1700	F	To:	Alder St	1	0.08	F	0.577	1800	F	200
			From:	Collingwood St							
Fugate Rd	1200	F	<u> </u>	Connigwood St		0.101	F		1300	F	200
			To:	Luray St							
			From:	Kenwood Blvd							
Greenbrier Ave	170	F				0.148	F		190	F	200
			To:	19th St							
			From:	Hershberger Rd			_				
Hazelridge Rd	360	F	To:	Y7	1	0.098	F		390	F	200
			From:	Vincient Ave							
Heritage Rd	200	F	Fish	Dogwood Ln S		0.119	F		220	F	200
richtage Na	200	•	To-	Dogwood La N		0.115			220	ı	200
			From:	Hershberger Rd							
Hildebrand Rd	1700	F	<u> </u>	Tierenie er ger Teu		0.107	F		1900	F	200
			To:	Whitney Ave							
			From:	Troxell Rd							
Hillview Ave	90	F				0.2	F		100	F	200
			To-	Ventnor Rd							
	4=0	_	From:	Lansing Dr		0.444	_		400	_	000
Langdon Rd	170	F	To:	Fairway Dr		0.141	F		190	F	200
			From:	Hollins Rd							
Liberty Rd	190	F		riolillis Ku		0.097	F		210	F	200
			To:	Norton Ave			-			-	
			From:	Oakland Ave							
Maplelawn Ave	220	F				0.101	F		240	F	200
			To:	Link St							
			From:	Brook Run Dr							
Meadow Run Dr	120	F	To:		ī	0.152	F		130	F	200
				Spring Tree Dr							
Meadowbrook Rd	680	F	From:	Northwood Dr		0.095	F		740	F	200
WEAGOWDIOOK ING	000	•	To:	Sloan Rd		0.033	'		740	'	200
			From:	King St							
Mecca St	960	F		Tingot	J	0.115	F	0.68	1100	F	200
			To:	Belle Ave							
			From:	Yellow Mt Rd							
Melcher St	110	F	_		ı	0.133	F		120	F	200
			To-	Carico Ave							
Manage Ct		_	From:	Vermont Ave		0.000	_		000	_	000
Monroe St	570	F	To:	Maine Ave		0.088	F		630	F	200
			From:								
Monterey Rd	450	F	····	Old Mountain Rd	l	0.113	F		500	F	200
			To:	Dead End	L		_				
			From:	Morningside St							
Montrose Ave	920	F			•	0.113	F		1000	F	200
			To:	11th Half St							

				City of Roanoke							
Route	Length AADT	QA	4Tire	BusTruck 2Axle 3+Axle 1Trail 2Trai	$\Omega$ C	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke			_								
Oaklawn Ave	260	F	From:	Winsloe Dr	j	0.116	F		290	F	2003
Oakiawii Ave	200	г	To	Hazelridge Rd	1	0.116	Г		290	Г	2003
			From:	Colonial Ave	I						
Persinger Rd	1900	F		Colonial Ave	1	0.086	F	0.621	2000	F	2003
			To:	Bluefield Blvd							
			From:	Cove Rd							
Portland Ave	490	F			-	0.086	F	0.51	540	F	2003
			To:	Oleva St							
D D.	440	_	From:	New Spring Branch Rd	ļ	0.400	_		450	_	0000
Ray Rd	140	F	To:	Dead End	1	0.129	F		150	F	2003
			From:		<u> </u>						
Renfro Blvd	120	F		Gun Club Rd	_	0.111	F		130	F	2003
TCIMO BIVO	120	•	To:	Pilot St	1	0.111	•		100	•	2000
			From:	Mabry Ave							
Reynolds Rd	820	F		,	4	0.120	F		890	F	2003
			To:	ECL Roanoke							
			From:	Cannaday Rd							
Richard Ave	860	F			7	0.109	F	0.749	940	F	2003
			Tn·	Mecca St							
D: 1 (: 11 O)	400	_	From:	Mississippi Ave	ļ	0.440	_	0.540	000	_	0000
Ridgefield St	180	F	To:	Norton Avo	1	0.119	F	0.542	200	F	2003
			From:	Norton Ave	l						
Roanoke Ave	810	F	Fiam	Burks St	J	0.113	F		890	F	2003
Roanone Ave	010	•	To:	Byrne St	1	0.110	'		000		2000
			From:	19Th St							
Salem Ave	3000	F			4	0.089	F		3300	F	2003
			To:	20Th St							
			From:	Rosewood Ave							
Sweetbrier Ave	80	F			_	0.152	F		90	F	2003
			To:	Clifford St							
	400	_	From:	Deyerle Rd		0.440	_	0.744	470	_	000
Valentine Ave	160	F	To:	V., -ll J.D.J	1	0.116	F	0.714	170	F	2003
			From:	Knollwood Rd	<u> </u>						
Ventnor Rd	430	F		Eanes Rd	1	0.094	F		470	F	2003
Ventrior 13a	400	•	To:	Hillview Ave	1	0.004	'		470	'	2000
			From:	Omar Ave							
Vinyard Ave	20	G		5.55	4	NA			20	G	2003
			To:	Atherly St							
			From:	Comer St							
Virginia Ave	20	F	_			0.38	F		20	F	2003
			To:	Dead End	<u> </u>						
M/leiter A	=0.0	_	From:	Woodbury St	J	0.440	_	_	E 40	_	000
Whitney Ave	500	F	To	Winsloe Dr	1	0.118	F		540	F	2003
			From:		I						
Willow Oak Dr	210	F	r rout.	Shadblow La	J	0.103	F	0.549	230	F	2003
Willow Jak Di	210	•	To:	Winterberry La	1	0.100	•	0.040	200	•	2000
			From:	Edgewood St	i i						
Windsor Ave	550	F	<u> </u>			0.09	F		600	F	2003
			To:	Derwent Dr	1						